

C
3.31/7:

1978 CENSUS OF AGRICULTURE PRELIMINARY REPORT WAYNE COUNTY, MICH.

AC78-P-26-163

Issued July 1980

The preliminary reports are being published on a flow basis for all counties in the United States with 10 farms or more and for each State, geographic region, and the United States. This series is intended to provide, at the earliest date, information on major data items. These items are standard for each State and county except in Table 3, Crops Harvested, where the items will vary by State according to their relative importance in the State in 1978. The 1978 data are subject to revision. Final data will be published in Volume 1, State and County Data.

Inventories of livestock and poultry and other specified items are as of December 31 of the census year. Crop and livestock production and sales data are for calendar year 1978, except for a few crops (such as citrus) for which the production year overlaps the calendar year. The volume 1 appendix will provide a more detailed description of how the census was taken along with pertinent definitions and explanations.

In the county reports, data for farms reporting, acreages, and inventories for 1978 and 1974 are directly comparable. In keeping with prior practice, the dollar figures shown in this report have not been adjusted for changes in price levels between census years.

The 1978 census data collection program included an area segment sample to provide reliable estimates, for States, of the number and the characteristics of any farms not represented in the mail portion of the census. The preliminary report for each State will include tables to show the part of each State total representing farms not found on the mailing list and not included in county totals.

Definition of farm--In accordance with a joint agreement between the U.S. Department of Agriculture, the Office of Management and Budget, and the Bureau of the Census, announced on August 12, 1975, a farm, for statistical purposes, is any place from which \$1,000 or more of agricultural products were sold, or normally would have been sold, during the census year. The previous definition (used for the 1959, 1964, 1969 censuses, and for the 1974 preliminary county reports) counted as a farm any place with less than 10 acres from which \$250 or more of agricultural products were sold or normally would have been sold during the census year, or any place of 10 acres or more from which \$50 or more of agricultural products were sold or normally would have been sold during the census year.

The effect of the change in definition on 1978 and 1974 data is shown for selected items in the appendix on page 4.

Sampling--Data collected from only a sample of farms are subject to sampling error. The appendix in volume 1 will contain a detailed discussion.

Special tribute is paid to the millions of farm and ranch operators and other agriculture-associated people who furnished the individual reports from which these statistical summaries were compiled. Also acknowledged with gratitude is the contributory effort of U.S. Department of Agriculture and other county-level government and private officials who offered their support and willingly assisted individuals requesting help in completing their 1978 census reports.

The following symbols are used throughout the tables:
- Zero. (D) Data withheld to avoid disclosing information for individual farms.
(X) Not applicable. (Z) Less than half of the unit reported. (NA) Not available.

Table 1. **Selected Summary Items: 1978 and 1974**

	All farms		Farms with sales of \$2,500 or more	
	1978	1974	1978	1974
Farms and land in farms:				
Farms.....number..	465	441	319	305
Land in farms.....acres..	33 723	37 489	28 925	31 889
Average size of farm.....acres..	73	85	91	105
Value of land and buildings: ¹				
Average per farm.....dollars..	169 719	175 748	189 926	200 790
Average per acre.....dollars..	2 512	2 067	2 278	1 920
Farms by size:				
Less than 10 acres.....number..	106	88	58	52
10 to 49 acres.....number..	191	166	115	88
50 to 179 acres.....number..	122	136	102	119
180 to 499 acres.....number..	39	38	38	34
500 to 999 acres.....number..	5	11	5	11
1,000 to 1,999 acres.....number..	2	2	1	1
2,000 acres or more.....number..	-	-	-	-
Land according to use:				
Total cropland.....farms..	438	424	309	292
acres..	27 677	30 344	24 970	27 204
Harvested cropland.....farms..	412	414	292	288
acres..	23 676	25 425	21 851	23 732
Cropland used only for pasture.....farms..	56	72	36	36
acres..	707	1 525	519	892
Other cropland.....farms..	133	108	92	79
acres..	3 294	3 394	2 600	2 580
Woodland including woodland pastured.....farms..	111	99	84	69
acres..	2 078	1 880	1 672	1 498
Other pastureland and rangeland.....farms..	20	295	8	10
acres..	864	5 265	671	1 123
Land in house lots, ponds, roads, wasteland, etc.....farms..	281	(?)	179	184
acres..	3 104	(?)	1 612	2 064
Irrigated land.....farms..	61	63	58	52
acres..	529	1 169	526	1 131

See footnotes at end of table.

U.S. Department of Commerce
Bureau of the Census

For sale by Subscribers Services Section (Publications), Bureau of the Census,
Washington, D.C. 20233, or any Department of Commerce district office.
Price 25 cents per copy.

Boon Public Library
Superintendent of Documents

NOV 10 1980

DEPOSITORY

Table 1. **Selected Summary Items: 1978 and 1974 —Con.**

	All farms		Farms with sales of \$2,500 or more	
	1978	1974	1978	1974
Agricultural products sold and farm related income:				
Market value of products sold ¹\$1,000..	11 911	9 424	11 681	9 219
Average per farm.....dollars..	25 615	21 370	36 617	30 226
Crops.....\$1,000..	10 906	8 551	10 724	8 370
Livestock and livestock products.....\$1,000..	665	593	619	571
Poultry and poultry products.....\$1,000..	340	274	338	273
Farms by value of sales:				
Sales of \$20,000 or more.....number..	102	91	101	90
\$100,000 or more.....number..	23	17	23	17
\$40,000 to \$99,999.....number..	52	44	51	43
\$20,000 to \$39,999.....number..	27	30	27	30
Sales of less than \$20,000.....number..	363	350	218	215
\$10,000 to \$19,999.....number..	56	48	56	48
\$5,000 to \$9,999.....number..	76	61	76	61
\$2,500 to \$4,999.....number..	86	106	86	106
Less than \$2,500.....number..	145	135	(X)	(X)
Value of agricultural products sold directly to individuals for human consumption.....				
farms.....	87	(NA)	54	(NA)
\$1,000..	534	(NA)	510	(NA)
Income from machine work, customwork, and other agricultural services provided for others.....				
farms.....	25	37	19	29
\$1,000..	40	156	34	148
Farms by type of organization:				
Individual or family.....number..	401	(NA)	262	268
Partnership.....number..	41	(NA)	35	24
Corporation.....number..	22	(NA)	22	13
Family held.....number..	20	(NA)	20	(NA)
Other than family held.....number..	2	(NA)	2	(NA)
Other—cooperatives, estates or trusts, institutional, etc.....number..	1	(NA)	-	-
Operator characteristics:				
Tenure of operator:				
Full owner.....farms..	282	259	170	157
Part owner.....farms..	129	128	105	99
Tenant.....farms..	54	54	44	49
Principal occupation and residence: ⁴				
Farming.....farms..	190	197	162	157
Residence on farm operated.....farms..	132	(NA)	114	(NA)
Residence not on farm operated.....farms..	39	(NA)	31	(NA)
Other than farming.....farms..	275	230	157	135
Residence on farm operated.....farms..	188	(NA)	95	(NA)
Residence not on farm operated.....farms..	62	(NA)	46	(NA)
Average age of operator ⁴ years..	51.4	53.3	51.4	53.3
Sex of operator.....male..	436	(NA)	301	(NA)
female..	29	(NA)	18	(NA)
Operators reporting days of work off farm: ⁴				
Any.....farms..	286	232	179	137
100 days or more.....farms..	260	200	157	116
Selected production expenses: ¹				
Livestock and poultry purchased.....\$1,000..	185	138	169	124
Feed purchased for livestock and poultry.....\$1,000..	273	303	178	290
Commercially mixed formula feeds.....\$1,000..	138	265	124	258
Animal health costs.....\$1,000..	19	(NA)	9	7
Seeds, bulbs, plants, and trees.....\$1,000..	914	549	905	540
Commercial fertilizer.....\$1,000..	535	514	531	501
Other agricultural chemicals including lime.....\$1,000..	241	168	236	164
Hired farm labor.....\$1,000..	1 494	1 425	(D)	1 410
Workers working 150 days or more.....farms..	52	(NA)	51	42
number..	252	(NA)	(D)	223
Contract labor.....\$1,000..	43	12	21	(D)
Customwork and machine hire.....\$1,000..	80	73	75	70
Energy costs - petroleum products, electricity, coal, wood, coke, etc.....				
\$1,000..	985	(NA)	950	(NA)
Gasoline and other petroleum products.....\$1,000..	843	520	814	495
Gasoline.....\$1,000..	270	(NA)	245	234
Diesel fuel.....\$1,000..	60	(NA)	60	46
Machinery and equipment: ¹				
Estimated market value of all machinery and equipment.....\$1,000..	9 840	8 254	8 629	7 196
Average per farm.....dollars..	20 893	20 330	25 380	26 167
Motortrucks including pickups.....farms..	416	359	312	252
number..	730	639	601	510
Wheel tractors.....farms..	400	377	303	252
number..	927	852	767	678

¹ 1978 data are based on a sample of farms.² Data included with Other pastureland and rangeland.³ 1974 data include sales of forest products.⁴ 1974 data exclude corporations and other organizations.

Table 2. **Livestock and Poultry: 1978 and 1974**

	All farms		Farms with sales of \$2,500 or more	
	1978	1974	1978	1974
Cattle and calves inventory.....	farms.. 50	78	24	48
	number.. 604	1 851	457	1 722
Farms by size of inventory:				
1 to 19.....	farms.. 42	58	17	28
	number.. 195	361	(D)	232
20 to 99.....	farms.. 8	16	7	16
	number.. 409	835	(D)	835
100 to 499.....	farms.. -	4	-	4
	number.. -	(D)	-	(D)
500 or more.....	farms.. -	-	-	-
	number.. -	-	-	-
Cows and heifers that had calved.....	farms.. 31	54	12	40
	number.. 275	1 049	219	1 005
Beef cows.....	farms.. 19	40	9	31
	number.. 187	730	(D)	699
Milk cows.....	farms.. 16	22	7	15
	number.. 88	319	(D)	306
Heifers and heifer calves.....	farms.. 23	(NA)	9	19
	number.. 147	(NA)	113	344
Steers and bulls including calves.....	farms.. 40	(NA)	20	26
	number.. 182	(NA)	125	373
Cattle and calves sold.....	farms.. 34	52	21	39
	number.. 395	856	338	808
Cattle fattened on grain and concentrates.....	farms.. 24	(NA)	16	21
	number.. 202	(NA)	159	455
Dairy products sold.....	farms.. 1	(NA)	1	7
	\$1,000.. (D)	(NA)	(D)	202
Hogs and pigs inventory.....	farms.. 35	33	18	18
	number.. 1 560	852	1 412	730
Farms by size of inventory:				
1 to 99.....	farms.. 32	32	15	17
	number.. 486	(D)	338	(D)
100 to 499.....	farms.. 3	1	3	1
	number.. 1 074	(D)	1 074	(D)
500 or more.....	farms.. -	-	-	-
	number.. -	-	-	-
Hogs and pigs used or to be used for breeding.....	farms.. 24	(NA)	12	13
	number.. 303	(NA)	271	143
Hogs and pigs sold.....	farms.. 32	34	19	19
	number.. 1 914	1 402	1 752	1 184
Feeder pigs sold.....	farms.. 10	12	4	6
	number.. 421	514	354	432
Litters farrowed between—				
Dec. 1 of preceding year and Nov. 30.....	farms.. 24	24	12	14
	number.. 303	229	274	203
Dec. 1 of preceding year and May 31.....	farms.. 22	17	12	9
	number.. 156	98	142	87
June 1 and Nov. 30.....	farms.. 17	22	10	13
	number.. 147	131	132	116
Sheep and lambs inventory.....	farms.. 12	11	7	2
	number.. 167	160	126	(D)
Ewes 1 year old or older.....	farms.. 10	(NA)	6	2
	number.. 72	(NA)	47	(D)
Sheep and lambs sold.....	farms.. 8	9	5	2
	number.. 125	81	103	(D)
Sheep and lambs shorn.....	farms.. 9	(NA)	5	2
	number.. 104	(NA)	74	(D)
pounds of wool..	674	(NA)	436	(D)
Horses and ponies inventory.....	farms.. 56	42	23	20
	number.. 537	283	290	168
Chickens 3 months old or older inventory.....	farms.. 45	47	24	24
	number.. (D)	33 470	(D)	32 667
Hens and pullets of laying age inventory.....	farms.. 44	45	23	22
	number.. (D)	33 308	(D)	32 575
Farms by size of inventory:				
1 to 1,599.....	farms.. 42	43	21	20
	number.. 1 585	(D)	614	(D)
1,600 to 9,999.....	farms.. 1	1	1	1
	number.. (D)	(D)	(D)	(D)
10,000 or more.....	farms.. 1	1	1	1
	number.. (D)	(D)	(D)	(D)
Broilers sold.....	farms.. 4	1	2	1
	number.. 365	(D)	(D)	(D)
Turkeys sold.....	farms.. 5	(NA)	3	1
	number.. 5 713	(NA)	(D)	(D)

Table 3. **Crops Harvested: 1978 and 1974**

	All farms		Farms with sales of \$2,500 or more	
	1978	1974	1978	1974
Corn for grain or seed.....farms..	95	86	76	67
acres..	5 936	4 763	5 629	4 641
bu..	383 375	252 137	370 792	247 879
Corn for silage or green chop (green).....farms..	7	(NA)	5	13
acres..	120	(NA)	(D)	463
tons..	1 040	(NA)	(D)	4 014
Wheat for grain.....farms..	45	94	42	75
acres..	1 006	2 761	973	2 614
bu..	31 502	91 618	30 746	87 105
Oats for grain.....farms..	30	(NA)	27	33
acres..	410	(NA)	389	628
bu..	19 045	(NA)	18 302	26 298
Soybeans for beans.....farms..	186	198	146	159
acres..	11 343	12 041	10 711	11 582
bu..	200 457	195 899	191 918	189 936
Irish potatoes.....farms..	6	4	2	2
acres..	(D)	11	(D)	(D)
cwt..	(D)	1 106	(D)	(D)
Hay, all (dry).....farms..	83	75	47	52
acres..	2 696	2 048	2 067	1 368
tons..	4 270	3 209	3 471	2 126
Alfalfa hay (dry).....farms..	53	(NA)	33	25
acres..	1 288	(NA)	1 061	716
tons..	2 684	(NA)	2 355	1 224
Other tame dry hay (dry).....farms..	28	(NA)	15	(NA)
acres..	723	(NA)	410	(NA)
tons..	1 163	(NA)	788	(NA)
Land in orchards.....farms..	45	39	17	13
acres..	354	399	237	274
Apples.....farms..	40	(NA)	16	(NA)
acres..	246	(NA)	173	173
lbs..	2 168 905	(NA)	2 082 325	1 972 887
Cherries.....farms..	13	(NA)	3	(NA)
acres..	17	(NA)	(D)	-
lbs..	(D)	(NA)	(D)	-
Vegetables, sweet corn or melons for sale.....farms..	77	95	58	60
acres..	1 692	(NA)	1 612	1 659
Dry field and seed beans (100-lb bags).....farms..	1	(NA)	1	-
acres..	(D)	(NA)	(D)	-
100-lb..	(D)	(NA)	(D)	-

Appendix. **Effect of Definition Change for Selected Items: 1978 and 1974**

	Definition used for 1974 and 1978		Definition used for 1959, 1964, and 1969		Operations excluded by current definition but not by 1959 definition	
	1978	1974	1978	1974	1978	1974
All farms.....number..	465	441	536	509	71	68
Farms with sales less than \$2,500.....number..	145	135	216	203	71	68
Land in farms.....acres..	33 723	37 489	34 819	38 573	1 096	1 084
Total cropland.....acres..	27 677	30 344	28 264	30 803	587	459
Harvested cropland.....acres..	23 676	25 425	23 825	25 492	149	67
Value of agricultural products sold.....\$1,000..	11 911	9 424	11 940	9 441	28	17
Crops.....\$1,000..	10 906	8 551	10 922	8 557	16	6
Livestock, poultry, and their products.....\$1,000..	1 006	867	1 018	878	12	11
Cattle and calves inventory.....number..	604	1 851	632	1 874	28	23
Hogs and pigs inventory.....number..	1 560	852	(D)	854	(D)	(D)
Chickens 3 months old or older inventory.....number..	(D)	33 470	(D)	33 980	65	510